Information Disalosure Statement USSN 10/50-505 November 19, 2003 Page 3

| Form PTO-1449 (Modified)                         | ATTY DOCKET NO.<br>B-4804 620261-8 | U.S. SERIAL NO.<br>10/696,607 |  |  |
|--|------------------------------------|-------------------------------|--|--|
| LIST OF PATENTS AND<br>PUBLICATIONS<br>STATEMENT | APPLICANTS Daniel Yap              |                               |  |  |
|  | PILING DATE October 28, 2003       | GROUP<br>not yet assigned     |  |  |

U.S. PATENT DOCUMENTS FILING DATE EXAMINER DOCUMENT ISSUE DATE NAME CLASS SUBor 102(e) DATE IF CLASS INITIAL NUMBER APPROPRIATE 374 Goodwin et al. 342 4,725,844 2/1998 342 175 5,369,410 11/1994 Reich 342 5,374,935 12/1994 Forrest 368 342 375 Newberg et al. 5,475,392 12/1995 359 Knox et al. 127 5,631,758 5/1997 LDR Dentai et al. 5,859,719 1/1999 359 171 LDR 342 375 5,861,845 1/1999 Lee et al. Wu et al. 359 124 5,867,291 2/1999 5,926,298 7/1999 Li 359 120 375 342 5,999,128 12/1999 Stephens et al. 359 124 6,181,449 1/2001 Taga et al. Mueller 370 223 6,198,721 3/2001 359 123 Uchivama et al. 6,204,944 3/2001 127 359 3/2001 Wong et al. 6,208,444 Nolan et al. 385 24 6,229,937 5/2001 Anderson et al. 359 245 6,266,176 BÍ 7/2001 359 128 6,271,949 8/2001 Suemura et al. 6,337,660 1/2002 Esman et al. 342 375 375 342 6,348,890 B1 2/2002 Stephens Collins, Jr. et al. 359 633 DR 6,388,815 B1 5/2002 6,452,546 B1 Stephens 342 368 9/2002

Information Discussure Statement USSN 10/698 And November 19, 2003 Page 4

10/632,354

LOR

| LPR | 2002/0012144 | Published<br>1/2002 | Lin et al. | 359 | 130 |           |
|-----|--------------|---------------------|------------|-----|-----|-----------|
| LOR | 10/196,444   |                     | Stephens   |     |     | 7/15/2002 |
| LDR | 10/196:480   |                     | Stephens   |     |     | 7/15/2002 |

Stephens

7/31/03

|     |                 |                     |         | <u> POREI</u> | GN PATEN | r documents           |
|-----|-----------------|---------------------|---------|---------------|----------|-----------------------|
|     | DOCUMENT NUMBER | PUBLICATION<br>DATE | COUNTRY | CLASS         | SUBCLASS | TRANSLATION<br>YES/NO |
| Lae | 0 392 416 A1    | 10/1990             | EP      |               |          | yes                   |
| LDR | 0 664 465 A2    | 7/1995              | EP      |               |          |                       |
| LOR | 01/15269 A1     | 3/2001              | WO      |               |          |                       |

|     | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |
|-----|---|
| LOR | Reference Data for Engineers: Radio, Electronics, Computer, and Communications, Seventh Edition, Howard W.Sams & Co., Indianapolis, pp. 32-39 through 32-41 (1988).   |
| LOR | Anderson, B.L., et al., "Binary-Counting True Time Delay Generator Using a White Cell Design and Deformable Mirror Devices," <i>IEEE</i> , pp. 273-274 (1998).  |
| LOR | Anderson, B.L., et al., "Optically Produced True-Time Delays for Phased Antenna Arrays," Applied Optics, Vol. 36, No. 32, pp. 8493-8503 (November 10, 1997).  |
| LDR | Curtis, D.D., "Holographic Rotman Lens for Phased-Array Antenna<br>Beamforming," SPIE, Vol. 2481 pp. 104-113.   |
| LDR | Gopalakrishnan, G.K., et al., "Microwave-Optical Mixing in LiNbO3 Modulators," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 41, No. 12, pp. 2383-2391 (December 1993).                                  |
| LDŘ | Li, R.L.Q., et al., "3-Bit Substrate-Guided-Mode Optical True-Time-Delay Lines Operating at 25 GHz," <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 1, pp. 100-102 (January 1997).                                    |
| LOR | Logan, R.T., Jr., et al., "Millimeter-Wave Photonic Downconvertors: Theory and Demonstrations," <i>Proceedings f SPIE Conference on Optical Technology for Microwave Applications VII</i> , San Diego, CA, (July 9-14, 1995). |
| LDR | Sparks, R.A., "Progress in Optical Rotman Beamformaer Technology," IEEE, pp. 357-360 (2000).  |

Information Disclosure Statement USSN 10/696,607 November 19, 2003 Page 5

| LOW | Stimson, G.W., "Advanced Radar Techniques," Introduction to Airborne Radar, Second Edition, SciTech Publishing, Mendham, New Jersey, Ch. 40, p. 513. |
|-----|--|
| LAR | White, J.U., "Long Optical Paths of Large Aperture," J.O.S.A., Vol. 32, pp. 285-288 (May 1942).  |

| EXAMINES   | DATE CONSIDERED   |
|--|---|
| like Reschiffe   | 8/14/05   |
| EXAMINER: Initial if reference considered, whether or not of<br>through citation if not in conformance and not considered,<br>applicant. | tation is in conformance with MPEP 509; Draw line<br>Include copy of this form with next communication to |